



THE WEIZMANN SCIENCE PRESS OF ISRAEL

National Council for Research and Development

ISRAEL Journal of MATHEMATICS

Volume 43

1982

INFORMATION FOR CONTRIBUTORS

The ISRAEL JOURNAL OF MATHEMATICS publishes short and medium length research papers in mathematics.

Manuscripts should be typewritten, triple spaced, and conform to accepted standards for mathematical papers. A short abstract should be included.

It would be most helpful if authors provided a list of all the special characters required in their papers, whether they be accented characters, Greek, Fraktur or unusual signs.

Authors should keep a complete copy of the manuscript. Authors making extensive revision in proofs will be required to bear the costs thereof. Fifty reprints are provided free of charge; additional reprints may be ordered along with proofs.

Two copies of each manuscript should be sent to

The Editor
Israel Journal of Mathematics
Department of Mathematics
The Hebrew University of Jerusalem
Jerusalem, Israel

Manuscripts will be discarded one month after publication unless the editor is requested to return original material to the author.

ISRAEL JOURNAL OF MATHEMATICS

TABLE OF CONTENTS, VOLUME 43, 1982

ARON, S. On a generalization of a theorem of B. Tyler	105
RRAUN, A. P.I. G -rings and the contractability of primes	116
PANI, S. G. On ergodic quasi-invariant measures of group automorphism	62
INTRINGER, R. C. AND G. B. PURDY How often is a polygon bounded by three sides?	23
RITZMANN, P. Upper and lower bounds of the valence-functional	237
ARMELIN, R. Aharonov invariants and univalent functions	244
AZHDAN, D. On ε -representations	315
IEFFER, J. C. AND M. RAHE Finitely fixed implies loosely Bernoulli, a direct proof	97
ILMAN, V. D. Some remarks about embeddings of l_1^k in finite-dimensional spaces	129
HIMURA, M. The boundary behavior of functions meromorphic in bounded plane regions	161
ARTINGTON, J. R. Norm attaining operators	273
REISER, U. A characterization of $\mathrm{PGL}(2, q)$, q odd	177
PURDY, G. B. <i>See</i> R. C. Entringer	
URVES, R. A. AND W. D. SUDDERTH How to stay in a set or König's lemma for random paths	139
AHE, M. <i>See</i> J. C. Kieffer	
ODENHAUSEN, H. A characterization of nonstandard liftings of measurable functions and stochastic processes	1
OWEN, L. H. Correction to "Cyclic Division Algebras", by Louis Halle Rowen, Israel Journal of Mathematics, Vol. 41, No. 3, 1982, pp. 213-234	277
CHECHTER, E. Perturbations of regularizing maximal monotone operators	49
IELAH, S. The spectrum problem I: \aleph_ϵ -saturated models, the main gap	324

SHELAH, S. The spectrum problem II: totally transcendental and infinite depth	357
SHELAH, S. AND L. STANLEY S-forcing, I. A “black-box” theorem for morasses, with applications to super-Souslin trees	185
SHELAH, S. AND L. STANLEY Generalized Martin’s Axiom and Souslin’s Hypothesis for higher cardinals	225
SHELAH, S. AND B. WEISS Measurable recurrence and quasi-invariant measures	154
SHEMER, I. Neighborly polytopes	291
STANLEY, L. <i>See</i> S. Shelah	
SUDDERTH, W. D. <i>See</i> R. A. Purves	
TAUMAN, Y. A characterization of vector measure games in pNA	75
VÁZQUEZ, J. L. Monotone perturbations of the Laplacian in $L^1(\mathbf{R}^N)$	255
WAJNRYB, B. Finiteness conditions in Krull subrings of a ring of polynomials	169
WALLS, G. L. Groups with maximal subgroups of Sylow subgroups normal	166
WEISS, B. <i>See</i> S. Shelah	
WIMMERS, E. L. The Shelah P -point Independence Theorem	288
ZIMMER, R. J. On the Mostow rigidity theorem and measurable foliations by hyperbolic space	281